

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007945

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01D21/00 F01D25/34		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F01D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 524 329 C (SIEMENS SCHUCKERTWERKE AKT GES) 13 May 1931 (1931-05-13) cited in the application claims	1,2,4-6, 8,10
A	US 3 203 177 A (JOHNSON LLOYD E) 31 August 1965 (1965-08-31) the whole document ----- -/--	1,2,4-6
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *G* document member of the same patent family		
Date of the actual completion of the international search 1 November 2004		Date of mailing of the international search report 09/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer de Rooij, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 854 120 A (SPONZILLI WILLIAM A ET AL) 8 August 1989 (1989-08-08) abstract; figure 2 column 1, line 10 - line 17 column 1, line 65 - column 2, line 12 column 3, line 18 - line 30 column 3, line 46 - column 4, line 7 column 4, line 33 - line 54 column 6, line 33 - line 50 column 6, line 67 - column 7, line 15 -----	1,4,6,8, 10
A	DE 431 934 C (BROWN BOVERI & CIE AKT GES) 19 July 1926 (1926-07-19) the whole document -----	1,3,6,7, 10,11

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 524329	C	13-05-1931	NONE
US 3203177	A	31-08-1965	GB 1050063 A
US 4854120	A	08-08-1989	US 4733529 A 29-03-1988
DE 431934	C	19-07-1926	NONE